

DECLARATION OF PERFORMANCES

N°IB008|CPR2006-09-25| English version - Rev 01

1. Unique identification code of the product-type :

1.4401

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Plates X5CrNiMo17-12-2 according to EN 10088-4

3. Intended use or use of the construction product in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used cut to length plates in metal structures or in composite metal and concrete structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as requires pursuant to Article 11 (5)

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Belgium
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5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 10088-4:2009

Notified factory production control certification body No.(See list below) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control

Charleroi
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8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

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9. Declared performance

Essential characteristic	Performance				Harmonised technical specification
Tolerances on dimensions and shape	Thickness, length and width		EN 10029:1991		EN 10088-4:2009
	Flatness on cut to length plate		EN 10029:1991		
Yield Strength	Nominal thickness (mm)		Values (Mpa)		
	>	≤	Rp0,2min	Rp1,0min	
		75	220	260	
	75	150	**	**	
Tensile Strength	Nominal thickness (mm)		Values (Mpa)		
	>	≤	Rm min	Rm max	
		75	520	670	
	75	150	**	**	
Elongation	Nominal thickness (mm)		Values		
	>	≤	min (%)	Samples	
		2,99	45	50mm	
	2,99	75	45	5,65√So	
Impact Test	Nominal thickness (mm)		Values		
	>	≤	KV mini (J)	Direction	
		75	100	long.	
	75	150	60	trans.	
Intergranular corrosion resistance	Nominal thickness (mm)		Values		
	>	≤	according to ISO 3651-2		
		75	Guaranteed on delivery condition only		
	75	150	**		
Durability	Nominal thickness (mm)		Values		
	>	≤	%		
		150	C ≤ 0,07 Si ≤ 1,00 Mn ≤ 2,00 P ≤ 0,045 S ≤ 0,015	16,5 ≤ Cr ≤ 18,5 10 ≤ Ni ≤ 13,0 2,00 ≤ Mo ≤ 2,50 N ≤ 0,10	

** subject to agreement between manufacturer and his customer

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9

This declaration of performance is issued under the responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

Matthieu Sinnaeve
 Head of Method Department- Metallurgy
 Charleroi, 31st may 2016

Karim Bahri
 Head of Quality Assurance Department
 Charleroi, 31st may 2016


